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#4 Search <b>Balligand and cardiac and endothelium and 1997</b>	17:44:11	<u>3</u>
#3 Search <b>Balligand and cardiac and endothelium</b>	17:44:01	<u>14</u>
#2 Search <b>Balligand and cardiac</b>	17:43:55	<u>42</u>
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NEWS 6 Jul 21 Polymer class term count added to REGISTRY  
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September 2003  
NEWS 14 AUG 18 Data available for download as a PDF in RDISCLOSURE  
NEWS 15 AUG 18 Simultaneous left and right truncation added to PASCAL  
NEWS 16 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right  
Truncation  
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AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
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FILE 'BIOSIS' ENTERED AT 17:19:54 ON 30 SEP 2003

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=> s ((zhou m?) or (zhou, m?))/au

L1 3884 ((ZHOU M?) OR (ZHOU, M?))/AU

=> s l1 and neuregulin

L2 17 L1 AND NEUREGULIN

=> dup rem l2

PROCESSING COMPLETED FOR L2

L3 8 DUP REM L2 (9 DUPLICATES REMOVED)

=> d l3 1-8

L3 ANSWER 1 OF 8 MEDLINE on STN DUPLICATE 1  
AN 2003373557 IN-PROCESS  
DN 22756867 PubMed ID: 12874607  
TI Association study of **neuregulin** 1 gene with schizophrenia.  
AU Yang J Z; Si T M; Ruan Y; Ling Y S; Han Y H; Wang X L; **Zhou M**;  
Zhang H Y; Kong Q M; Liu C; Zhang D R; Yu Y Q; Liu S Z; Ju G Z; Shu L; Ma  
D L; Zhang D  
CS Institute of Mental Health, Peking University, Beijing 100083, China.  
SO MOLECULAR PSYCHIATRY, (2003 Jul) 8 (7) 706-9.  
Journal code: 9607835. ISSN: 1359-4184.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20030812  
Last Updated on STN: 20030812

L3 ANSWER 2 OF 8 MEDLINE on STN DUPLICATE 2  
AN 2002486406 MEDLINE  
DN 22233215 PubMed ID: 12145742  
TI **Neuregulin** 1 and susceptibility to schizophrenia.  
AU Stefansson Hreinn; Sigurdsson Engilbert; Steinthorsdottir Valgerdur;  
Bjornsdottir Soley; Sigmundsson Thordur; Ghosh Shyamali; Brynjolfsson Jon;  
Gunnarsdottir Steinunn; Ivarsson Omar; Chou Thomas T; Hjaltason Omar;  
Birgisdottir Birgitta; Jonsson Helgi; Gudnadottir Vala G; Gudmundsdottir  
Elsa; Bjornsson Asgeir; Ingvarsson Brynjolfur; Ingason Andres; Sigfusson  
Sigmundur; Hardardottir Hronn; Harvey Richard P; Lai Donna; **Zhou**  
**Mingdong**; Brunner Daniela; Mutel Vincent; Gonzalo Acuna; Lemke Greg;  
Sainz Jesus; Johannesson Gardar; Andresson Thorkell; Gudbjartsson Daniel;  
Manolescu Andrei; Frigge Michael L; Gurney Mark E; Kong Augustine; Gulcher

Jeffrey R; Petursson Hannes; Stefansson Kari  
 CS deCODE Genetics, Reykjavik, Iceland.. kstefans@decode.is  
 SO AMERICAN JOURNAL OF HUMAN GENETICS, (2002 Oct) 71 (4) 877-92.  
 Journal code: 0370475. ISSN: 0002-9297.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AF491780; GENBANK-BK000383; OMIM-142445; OMIM-181500; OMIM-603013  
 EM 200210  
 ED Entered STN: 20020926  
 Last Updated on STN: 20030105  
 Entered Medline: 20021028

L3 ANSWER 3 OF 8 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2002:627293 BIOSIS  
 DN PREV200200627293  
 TI **Neuregulin 1** and susceptibility to schizophrenia.  
 AU Stefansson, H. (1); Sigurdsson, E.; Steinhorsdottir, V. (1);  
 Bjornsdottir, S. (1); Sigmundsson, T.; Ghosh, S. (1); Brynjolfsson, J.;  
 Gunnarsdottir, S. (1); Ivarsson, O.; Chou, T. T. (1); Hjaltason, O.;  
 Birgisdottir, B. (1); Jonsson, H.; Gudnadottir, V. G. (1); Gudmundsdottir,  
 E.; Bjornsson, A. (1); Ingvarsson, B.; Ingason, A. (1); Sigfusson, S.;  
 Hardardottir, H.; Harvey, R. P.; Lai, D.; **Zhou, M.**; Brunner, D.;  
 Mutel, V.; Gonzalo, A.; Lemke, G.; Sainz, J. (1); Johannesson, G. (1);  
 Andresson, T. (1); Gudbjartsson, D. (1); Manolescu, A. (1); Frigge, M. L.  
 (1); Gurney, M. E. (1); Kong, A. (1); Gulcher, J. R. (1); Petursson, H.;  
 Stefansson, K. (1)  
 CS (1) DeCODE Genetics, Reykjavik Iceland  
 SO American Journal of Medical Genetics, (October 8, 2002) Vol. 114, No. 7,  
 pp. 747. <http://www.interscience.wiley.com/jpages/0148-7299/>. print.  
 Meeting Info.: Xth World Congress of Psychiatric Genetics Brussels,  
 Belgium October 09-13, 2002 International Society of Psychiatric Genetics  
 . ISSN: 0148-7299.  
 DT Conference  
 LA English

L3 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:441643 CAPLUS  
 DN 133:54117  
 TI Cardiac muscle function and manipulation using **neuregulin** or  
**neuregulin** polypeptides, derivatives, and mimics  
 IN **Zhou, Mingdong**  
 PA The Victor Chang Cardiac Research Institute, Australia  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1158998	A1	20011205	EP 1999-967856	19991221

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 PRAI AU 1998-7850 A 19981221  
 WO 1999-AU1137 W 19991221  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:436709 CAPLUS  
 DN 135:71647  
 TI Application of growth factor **neuregulin** and its analogs  
 IN Qiu, Liequn; **Zhou, Mingdong**  
 PA Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L3 ANSWER 6 OF 8 MEDLINE on STN DUPLICATE 3  
 AN 2000065180 MEDLINE  
 DN 20065180 PubMed ID: 10597312  
 TI Gamma-herregulin: a fusion gene of DOC-4 and **neuregulin-1** derived from a chromosome translocation.  
 AU Liu X; Baker E; Eyre H J; Sutherland G R; **Zhou M**  
 CS Victor Chang Cardiac Research Institute, Darlinghurst, NSW, Australia.  
 SO ONCOGENE, (1999 Nov 25) 18 (50) 7110-4.  
 Journal code: 8711562. ISSN: 0950-9232.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200001  
 ED Entered STN: 20000114  
 Last Updated on STN: 20000114  
 Entered Medline: 20000104

L3 ANSWER 7 OF 8 MEDLINE on STN DUPLICATE 4  
 AN 1999069430 MEDLINE  
 DN 99069430 PubMed ID: 9852099  
 TI Release of the **neuregulin** functional polypeptide requires its cytoplasmic tail.  
 AU Liu X; Hwang H; Cao L; Wen D; Liu N; Graham R M; **Zhou M**  
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Dec 18) 273 (51) 34335-40.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199901  
 ED Entered STN: 19990209  
 Last Updated on STN: 20000303  
 Entered Medline: 19990126

L3 ANSWER 8 OF 8 MEDLINE on STN DUPLICATE 5  
 AN 1999007260 MEDLINE

DN 99007260 PubMed ID: 9789034  
 TI Domain-specific gene disruption reveals critical regulation of  
**neuregulin** signaling by its cytoplasmic tail.  
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham  
 R M; **Zhou M**  
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,  
 Darlinghurst, New South Wales 2010, Australia.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (1998 Oct 27) 95 (22) 13024-9.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199811  
 ED Entered STN: 19990106  
 Last Updated on STN: 20000303  
 Entered Medline: 19981124

=> s 13 and "cardiac muscle"  
 L4 1 L3 AND "CARDIAC MUSCLE"

=> d 14

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:441643 CAPLUS  
 DN 133:54117  
 TI **Cardiac muscle** function and manipulation using  
**neuregulin** or **neuregulin** polypeptides, derivatives, and  
 mimics  
 IN **Zhou, Mingdong**  
 PA The Victor Chang Cardiac Research Institute, Australia  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,				
	CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				
	IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				
	MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
	SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP	1158998	A1	20011205	EP 1999-967856	19991221
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 13 and "remodeling"  
 L5 0 L3 AND "REMODELING"

=> s 13 and "muscle cell"  
L6 1 L3 AND "MUSCLE CELL"

=> d 16

L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:441643 CAPLUS  
DN 133:54117  
TI Cardiac muscle function and manipulation using **neuregulin** or  
**neuregulin** polypeptides, derivatives, and mimics  
IN **Zhou, Mingdong**  
PA The Victor Chang Cardiac Research Institute, Australia  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:				
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	IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				
	MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,				
	SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,				
	AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,				
	DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				
	CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
	IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 13 and sarcomeric  
L7 0 L3 AND SARCOMERIC

=> s 13 and cytoskeleton  
L8 1 L3 AND CYTOSKELETON

=> d 18

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:436709 CAPLUS  
DN 135:71647  
TI Application of growth factor **neuregulin** and its analogs  
IN Qiu, Liequn; **Zhou, Mingdong**  
PA Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

=> s 13 and cell  
L9 5 L3 AND CELL

=> dup rem 19  
PROCESSING COMPLETED FOR L9  
L10 5 DUP REM L9 (0 DUPLICATES REMOVED)

=> d 110 1-5

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:441643 CAPLUS  
DN 133:54117  
TI Cardiac muscle function and manipulation using **neuregulin** or  
**neuregulin** polypeptides, derivatives, and mimics  
IN **Zhou, Mingdong**  
PA The Victor Chang Cardiac Research Institute, Australia  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

L10 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:436709 CAPLUS  
DN 135:71647  
TI Application of growth factor **neuregulin** and its analogs  
IN Qiu, Liequn; **Zhou, Mingdong**  
PA Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L10 ANSWER 3 OF 5 MEDLINE on STN  
AN 2000065180 MEDLINE  
DN 20065180 PubMed ID: 10597312  
TI Gamma-hereregulin: a fusion gene of DOC-4 and **neuregulin**-1 derived



from a chromosome translocation.

AU Liu X; Baker E; Eyre H J; Sutherland G R; **Zhou M**  
CS Victor Chang Cardiac Research Institute, Darlinghurst, NSW, Australia.  
SO ONCOGENE, (1999 Nov 25) 18 (50) 7110-4.  
Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200001  
ED Entered STN: 20000114  
Last Updated on STN: 20000114  
Entered Medline: 20000104

L10 ANSWER 4 OF 5 MEDLINE on STN  
AN 1999069430 MEDLINE  
DN 99069430 PubMed ID: 9852099  
TI Release of the **neuregulin** functional polypeptide requires its  
cytoplasmic tail.  
AU Liu X; Hwang H; Cao L; Wen D; Liu N; Graham R M; **Zhou M**  
CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,  
Darlinghurst, New South Wales 2010, Australia.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1998 Dec 18) 273 (51) 34335-40.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199901  
ED Entered STN: 19990209  
Last Updated on STN: 20000303  
Entered Medline: 19990126

L10 ANSWER 5 OF 5 MEDLINE on STN  
AN 1999007260 MEDLINE  
DN 99007260 PubMed ID: 9789034  
TI Domain-specific gene disruption reveals critical regulation of  
**neuregulin** signaling by its cytoplasmic tail.  
AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham  
R M; **Zhou M**  
CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,  
Darlinghurst, New South Wales 2010, Australia.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1998 Oct 27) 95 (22) 13024-9.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 20000303  
Entered Medline: 19981124

=> s 13 and "cell-cell adhesion"

L11 0 L3 AND "CELL-CELL ADHESION"

=> s 13 and adhesion

L12 1 L3 AND ADHESION

=> d 112

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2001:436709 CAPLUS  
 DN 135:71647  
 TI Application of growth factor **neuregulin** and its analogs  
 IN Qiu, Liequn; **Zhou, Mingdong**  
 PA Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

=> s l3 and disarray  
 L13 0 L3 AND DISARRAY

=> s l3 and MAP  
 L14 2 L3 AND MAP

=> d l14 1-2

L14 ANSWER 1 OF 2 MEDLINE on STN  
 AN 2002486406 MEDLINE  
 DN 22233215 PubMed ID: 12145742  
 TI **Neuregulin** 1 and susceptibility to schizophrenia.  
 AU Stefansson Hreinn; Sigurdsson Engilbert; Steinhorsdottir Valgerdur; Bjornsdottir Soley; Sigmundsson Thordur; Ghosh Shyamali; Brynjolfsson Jon; Gunnarsdottir Steinunn; Ivarsson Omar; Chou Thomas T; Hjaltason Omar; Birgisdottir Birgitta; Jonsson Helgi; Gudnadottir Vala G; Gudmundsdottir Elsa; Bjornsson Asgeir; Ingvarsson Brynjolfur; Ingason Andres; Sigfusson Sigmundur; Hardardottir Hronn; Harvey Richard P; Lai Donna; **Zhou Mingdong**; Brunner Daniela; Mutel Vincent; Gonzalo Acuna; Lemke Greg; Sainz Jesus; Johannesson Gardar; Andresson Thorkell; Gudbjartsson Daniel; Manolescu Andrei; Frigge Michael L; Gurney Mark E; Kong Augustine; Gulcher Jeffrey R; Petursson Hannes; Stefansson Kari  
 CS deCODE Genetics, Reykjavik, Iceland.. kstefans@decode.is  
 SO AMERICAN JOURNAL OF HUMAN GENETICS, (2002 Oct) 71 (4) 877-92.  
 Journal code: 0370475. ISSN: 0002-9297.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 OS GENBANK-AF491780; GENBANK-BK000383; OMIM-142445; OMIM-181500; OMIM-603013  
 EM 200210  
 ED Entered STN: 20020926  
 Last Updated on STN: 20030105  
 Entered Medline: 20021028

L14 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:441643 CAPLUS  
 DN 133:54117  
 TI Cardiac muscle function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics  
 IN **Zhou, Mingdong**  
 PA The Victor Chang Cardiac Research Institute, Australia  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2

DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> s l3 and kinase  
L15 3 L3 AND KINASE

=> d l15 1-3

L15 ANSWER 1 OF 3 MEDLINE on STN  
AN 2000065180 MEDLINE  
DN 20065180 PubMed ID: 10597312  
TI Gamma-hereregulin: a fusion gene of DOC-4 and **neuregulin-1** derived from a chromosome translocation.  
AU Liu X; Baker E; Eyre H J; Sutherland G R; **Zhou M**  
CS Victor Chang Cardiac Research Institute, Darlinghurst, NSW, Australia.  
SO ONCOGENE, (1999 Nov 25) 18 (50) 7110-4.  
Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200001  
ED Entered STN: 20000114  
Last Updated on STN: 20000114  
Entered Medline: 20000104

L15 ANSWER 2 OF 3 MEDLINE on STN  
AN 1999007260 MEDLINE  
DN 99007260 PubMed ID: 9789034  
TI Domain-specific gene disruption reveals critical regulation of **neuregulin** signaling by its cytoplasmic tail.  
AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham R M; **Zhou M**  
CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Oct 27) 95 (22) 13024-9.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Priority Journals  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 20000303  
Entered Medline: 19981124

L15 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:441643 CAPLUS  
DN 133:54117  
TI Cardiac muscle function and manipulation using **neuregulin** or  
**neuregulin** polypeptides, derivatives, and mimics  
IN **Zhou, Mingdong**  
PA The Victor Chang Cardiac Research Institute, Australia  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 13 and heart  
'AND' IS NOT A VALID FORMAT  
'HEART' IS NOT A VALID FORMAT  
In a multifile environment, a format can only be used if it is valid  
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or the STNGUIDE file for information on formats available in  
individual files.  
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):filedefault

L3 ANSWER 1 OF 8 MEDLINE on STN DUPLICATE 1  
AN 2003373557 IN-PROCESS  
DN 22756867 PubMed ID: 12874607  
TI Association study of **neuregulin** 1 gene with schizophrenia.  
AU Yang J Z; Si T M; Ruan Y; Ling Y S; Han Y H; Wang X L; **Zhou M**;  
Zhang H Y; Kong Q M; Liu C; Zhang D R; Yu Y Q; Liu S Z; Ju G Z; Shu L; Ma  
D L; Zhang D  
CS Institute of Mental Health, Peking University, Beijing 100083, China.  
SO MOLECULAR PSYCHIATRY, (2003 Jul) 8 (7) 706-9.  
Journal code: 9607835. ISSN: 1359-4184.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals

ED Entered STN: 20030812  
Last Updated on STN: 20030812

=> s 13 and heart  
L16 3 L3 AND HEART

=> d 116 1-3

L16 ANSWER 1 OF 3 MEDLINE on STN  
AN 1999007260 MEDLINE  
DN 99007260 PubMed ID: 9789034  
TI Domain-specific gene disruption reveals critical regulation of  
**neuregulin** signaling by its cytoplasmic tail.  
AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham  
R M; Zhou M  
CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,  
Darlinghurst, New South Wales 2010, Australia.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1998 Oct 27) 95 (22) 13024-9.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199811  
ED Entered STN: 19990106  
Last Updated on STN: 20000303  
Entered Medline: 19981124

L16 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:436709 CAPLUS  
DN 135:71647  
TI Application of growth factor **neuregulin** and its analogs  
IN Qiu, Liequn; Zhou, Mingdong  
PA Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L16 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:441643 CAPLUS  
DN 133:54117  
TI Cardiac muscle function and manipulation using **neuregulin** or  
**neuregulin** polypeptides, derivatives, and mimics  
IN Zhou, Mingdong  
PA The Victor Chang Cardiac Research Institute, Australia  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,  
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
 MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,  
 AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
 EP 1158998 A1 20011205 EP 1999-967856 19991221  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, SI, LT, LV, FI, RO  
 PRAI AU 1998-7850 A 19981221  
 WO 1999-AU1137 W 19991221  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l3 and cardiac  
 L17 2 L3 AND CARDIAC

=> d l17 and 1-2  
 'AND' IS NOT A VALID FORMAT  
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 in at least one of the files. Refer to file specific help messages  
 or the STNGUIDE file for information on formats available in  
 individual files.  
 REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):filedefault

L17 ANSWER 1 OF 2 MEDLINE on STN  
 AN 1999007260 MEDLINE  
 DN 99007260 PubMed ID: 9789034  
 TI Domain-specific gene disruption reveals critical regulation of  
**neuregulin** signaling by its cytoplasmic tail.  
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham  
 R M; **Zhou M**  
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital,  
 Darlinghurst, New South Wales 2010, Australia.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
 AMERICA, (1998 Oct 27) 95 (22) 13024-9.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199811  
 ED Entered STN: 19990106  
 Last Updated on STN: 20000303  
 Entered Medline: 19981124

L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:441643 CAPLUS  
 DN 133:54117  
 TI **Cardiac** muscle function and manipulation using  
**neuregulin** or **neuregulin** polypeptides, derivatives, and  
 mimics  
 IN **Zhou, Mingdong**  
 PA The Victor Chang Cardiac Research Institute, Australia  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT	5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> d 117 1-2

L17 ANSWER 1 OF 2 MEDLINE on STN  
 AN 1999007260 MEDLINE  
 DN 99007260 PubMed ID: 9789034  
 TI Domain-specific gene disruption reveals critical regulation of **neuregulin** signaling by its cytoplasmic tail.  
 AU Liu X; Hwang H; Cao L; Buckland M; Cunningham A; Chen J; Chien K R; Graham R M; **Zhou M**  
 CS Victor Chang Cardiac Research Institute, St. Vincent's Hospital, Darlinghurst, New South Wales 2010, Australia.  
 SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (1998 Oct 27) 95 (22) 13024-9.  
 Journal code: 7505876. ISSN: 0027-8424.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199811  
 ED Entered STN: 19990106  
 Last Updated on STN: 20000303  
 Entered Medline: 19981124

L17 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 2000:441643 CAPLUS  
 DN 133:54117  
 TI **Cardiac** muscle function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics  
 IN **Zhou, Mingdong**  
 PA The Victor Chang Cardiac Research Institute, Australia  
 SO PCT Int. Appl., 44 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,				

IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,  
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,  
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,  
DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,  
CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
EP 1158998 A1 20011205 EP 1999-967856 19991221  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO  
PRAI AU 1998-7850 A 19981221  
WO 1999-AU1137 W 19991221  
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l3 and autocrine  
L18 0 L3 AND AUTOCRINE

=> s l3 and paracrine  
L19 0 L3 AND PARACRINE

=> s neuregulin and "cardiac muscle"  
L20 11 NEUREGULIN AND "CARDIAC MUSCLE"

=> s l20 and sarcomeric  
L21 0 L20 AND SARCOMERIC

=> s neuregulin and sarcomeric  
L22 3 NEUREGULIN AND SARCOMERIC

=> dup rem l22  
PROCESSING COMPLETED FOR L22  
L23 1 DUP REM L22 (2 DUPLICATES REMOVED)

=> d l23

L23 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1  
AN 2000035172 MEDLINE  
DN 20035172 PubMed ID: 10564160  
TI NRG-1-induced cardiomyocyte hypertrophy. Role of PI-3-kinase, p70(S6K),  
and MEK-MAPK-RSK.  
AU Baliga R R; Pimental D R; Zhao Y Y; Simmons W W; Marchionni M A; Sawyer D  
B; Kelly R A  
CS Cardiovascular Division, Brigham and Women's Hospital and Harvard Medical  
School, Boston 02115, Massachusetts.. rakelly@rics.bwh.harvard.edu  
NC F32-HL-09243 (NHLBI)  
HL-36141 (NHLBI)  
T32-HL-07604 (NHLBI)  
SO AMERICAN JOURNAL OF PHYSIOLOGY, (1999 Nov) 277 (5 Pt 2) H2026-37.  
Journal code: 0370511. ISSN: 0002-9513.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199912  
ED Entered STN: 20000113  
Last Updated on STN: 20000113  
Entered Medline: 19991220

=> dup rem l20



PROCESSING COMPLETED FOR L20

L24 5 DUP REM L20 (6 DUPLICATES REMOVED)

=> d l24 1-5

L24 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:441643 CAPLUS

DN 133:54117

TI **Cardiac muscle** function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics

IN Zhou, Mingdong

PA The Victor Chang Cardiac Research Institute, Australia

SO PCT Int. Appl., 44 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	AU 1998-7850	A	19981221		
	WO 1999-AU1137	W	19991221		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 2 OF 5 MEDLINE on STN

DUPLICATE 1

AN 2000069730 MEDLINE

DN 20069730 PubMed ID: 10601306

TI Synergistic roles of **neuregulin-1** and insulin-like growth factor-I in activation of the phosphatidylinositol 3-kinase pathway and cardiac chamber morphogenesis.

AU Hertig C M; Kubalak S W; Wang Y; Chien K R

CS University of California, San Diego/Salk Program in Molecular Medicine, Department of Medicine, Center for Molecular Genetics, University of California, San Diego, La Jolla, California 92093-0613, USA.

SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 24) 274 (52) 37362-9.

Journal code: 2985121R. ISSN: 0021-9258.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200001

ED Entered STN: 20000124

Last Updated on STN: 20000124

Entered Medline: 20000113

L24 ANSWER 3 OF 5 MEDLINE on STN

DUPLICATE 2

AN 2000062174 MEDLINE

DN 20062174 PubMed ID: 10597038

TI **Neuregulin** induces the expression of mesodermal genes in the  
 ectoderm of *Xenopus laevis*.  
 AU Chung H G; Chung H M  
 CS Department of Biology Education, Seoul National University, Korea.  
 SO MOLECULES AND CELLS, (1999 Oct 31) 9 (5) 497-503.  
 Journal code: 9610936. ISSN: 1016-8478.  
 CY KOREA (SOUTH)  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200002  
 ED Entered STN: 20000218  
 Last Updated on STN: 20000218  
 Entered Medline: 20000210

L24 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 3  
 AN 97203102 MEDLINE  
 DN 97203102 PubMed ID: 9050820  
 TI Cardiac endothelium and tissue growth.  
 AU Balligand J L; Kelly R A; Smith T W  
 CS Department of Medicine, Brigham and Women's Hospital and Harvard Medical  
 School, Boston, MA 02115, USA.  
 NC R37-HL36141 (NHLBI)  
 SO PROGRESS IN CARDIOVASCULAR DISEASES, (1997 Jan-Feb) 39 (4) 351-60. Ref:  
 105  
 Journal code: 0376442. ISSN: 0033-0620.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 General Review; (REVIEW)  
 (REVIEW, ACADEMIC)  
 LA English  
 FS Abridged Index Medicus Journals; Priority Journals  
 EM 199703  
 ED Entered STN: 19970407  
 Last Updated on STN: 19970407  
 Entered Medline: 19970326

L24 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 4  
 AN 96077110 MEDLINE  
 DN 96077110 PubMed ID: 7477376  
 TI Aberrant neural and cardiac development in mice lacking the ErbB4  
**neuregulin** receptor.  
 CM Comment in: Nature. 1995 Nov 23;378(6555):334-5  
 AU Gassmann M; Casagrande F; Orioli D; Simon H; Lai C; Klein R; Lemke G  
 CS Molecular Neurobiology Laboratory, Salk Institute for Biological Studies,  
 La Jolla, California 92037, USA.  
 SO NATURE, (1995 Nov 23) 378 (6555) 390-4.  
 Journal code: 0410462. ISSN: 0028-0836.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199512  
 ED Entered STN: 19960124  
 Last Updated on STN: 20000303  
 Entered Medline: 19951228

=> s neuregulin and adhesion

L25 75 NEUREGULIN AND ADHESION

=> s neuregulin and "cell-cell adhesion"

L26 0 NEUREGULIN AND "CELL-CELL ADHESION"

=> s neuregulin and cardiac and adhesion

L27 2 NEUREGULIN AND CARDIAC AND ADHESION

=> dup rem l27

PROCESSING COMPLETED FOR L27

L28 1 DUP REM L27 (1 DUPLICATE REMOVED)

=> d l28

L28 ANSWER 1 OF 1 MEDLINE on STN DUPLICATE 1  
AN 1999344005 MEDLINE  
DN 99344005 PubMed ID: 10415516  
TI The ins and outs of caveolar signaling. m2 muscarinic cholinergic  
receptors and eNOS activation versus **neuregulin** and ErbB4  
signaling in **cardiac** myocytes.  
AU Feron O; Zhao Y Y; Kelly R A  
CS Department of Medicine, Brigham and Women's Hospital, Boston,  
Massachusetts 02115, USA.  
NC HL36141 (NHLBI)  
HL52320 (NHLBI)  
SO ANNALS OF THE NEW YORK ACADEMY OF SCIENCES, (1999 Jun 30) 874 11-9. Ref:  
39  
Journal code: 7506858. ISSN: 0077-8923.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
General Review; (REVIEW)  
(REVIEW, TUTORIAL)  
LA English  
FS Priority Journals  
EM 199908  
ED Entered STN: 19990816  
Last Updated on STN: 20000303  
Entered Medline: 19990803

=> s neuregulin and cell and adhesion

L29 72 NEUREGULIN AND CELL AND ADHESION

=> dup rem l29

PROCESSING COMPLETED FOR L29

L30 50 DUP REM L29 (22 DUPLICATES REMOVED)

=> s l30 and MAP

L31 4 L30 AND MAP

=> dup rem l31

PROCESSING COMPLETED FOR L31

L32 4 DUP REM L31 (0 DUPLICATES REMOVED)

=> d l32 1-4

L32 ANSWER 1 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:268065 BIOSIS  
DN PREV200300268065  
TI MAPPING OF AN EXTRACELLULAR MATRIX INDUCED PROLIFERATION PATHWAY IN  
SCHWANN **CELLS**.  
AU Iacovelli, J. A. (1); Geden, S. (1); Bott, M. (1); Fernandez-Valle, C. (1)  
CS (1) Molecular Biology and Microbiology, University of Central Florida,  
Orlando, FL, USA USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)

Vol. 2002, pp. Abstract No. 23.13. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience  
Orlando, Florida, USA November 02-07, 2002 Society for Neuroscience

DT Conference  
LA English

L32 ANSWER 2 OF 4 MEDLINE on STN  
AN 2000180507 MEDLINE  
DN 20180507 PubMed ID: 10713673  
TI RAFTK/Pyk2 tyrosine kinase mediates the association of p190 RhoGAP with RasGAP and is involved in breast cancer **cell** invasion.  
AU Zrihan-Licht S; Fu Y; Settleman J; Schinkmann K; Shaw L; Keydar I; Avraham S; Avraham H  
CS Division of Experimental Medicine, Beth Israel Deaconess Medical Center, Harvard Institutes of Medicine, 4 Blackfan Circle, Boston, Massachusetts, MA 02115, USA.  
NC CA76226 (NCI)  
HL51456 (NHLBI)  
HL55455 (NHLBI)  
SO ONCOGENE, (2000 Mar 2) 19 (10) 1318-28.  
Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200003  
ED Entered STN: 20000407  
Last Updated on STN: 20000407  
Entered Medline: 20000324

L32 ANSWER 3 OF 4 MEDLINE on STN  
AN 2000169588 MEDLINE  
DN 20169588 PubMed ID: 10702796  
TI Molecular requirements for the effect of **neuregulin** on **cell** spreading, motility and colony organization.  
AU Chaousovsky A; Waterman H; Elbaum M; Yarden Y; Geiger B; Bershadsky A D  
CS Department of Molecular Cell Biology, The Weizmann Institute of Science, Rehovot 76100, Israel.  
SO ONCOGENE, (2000 Feb 17) 19 (7) 878-88.  
Journal code: 8711562. ISSN: 0950-9232.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200003  
ED Entered STN: 20000327  
Last Updated on STN: 20000327  
Entered Medline: 20000316

L32 ANSWER 4 OF 4 MEDLINE on STN  
AN 2000259880 MEDLINE  
DN 20259880 PubMed ID: 10797306  
TI Ectopic expression of the ErbB-3 binding protein ebpl inhibits growth and induces differentiation of human breast cancer **cell** lines.  
AU Lessor T J; Yoo J Y; Xia X; Woodford N; Hamburger A W  
CS Molecular and Cellular Biology Program, University of Maryland, Baltimore, Maryland 21201, USA.  
NC R01CA76047 (NCI)  
SO JOURNAL OF CELLULAR PHYSIOLOGY, (2000 Jun) 183 (3) 321-9.  
Journal code: 0050222. ISSN: 0021-9541.  
CY United States

DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200005  
ED Entered STN: 20000606  
Last Updated on STN: 20000606  
Entered Medline: 20000522

=> s neuregulin and remodelling  
L33 1 NEUREGULIN AND REMODELLING

=> d l33

L33 ANSWER 1 OF 1 MEDLINE on STN  
AN 2001140470 MEDLINE  
DN 21066804 PubMed ID: 11146623  
TI Transcriptional repression of oestrogen receptor by metastasis-associated protein 1 corepressor.  
AU Mazumdar A; Wang R A; Mishra S K; Adam L; Bagheri-Yarmand R; Mandal M; Vadlamudi R K; Kumar R  
CS Department of Molecular and Cellular Oncology, University of Texas M. D. Anderson Cancer Center, 1515 Holcombe Boulevard, Houston, Texas 77030, USA.  
NC CA16672 (NCI)  
CA65746 (NCI)  
CA80066 (NCI)  
CA84456 (NCI)  
SO NATURE CELL BIOLOGY, (2001 Jan) 3 (1) 30-7.  
Journal code: 100890575. ISSN: 1465-7392.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200103  
ED Entered STN: 20010404  
Last Updated on STN: 20020910  
Entered Medline: 20010308

=> s neuregulin and heart  
L34 160 NEUREGULIN AND HEART

=> s l34 and adhesion  
L35 3 L34 AND ADHESION

=> dup rem l35  
PROCESSING COMPLETED FOR L35  
L36 3 DUP REM L35 (0 DUPLICATES REMOVED)

=> d l36 1-3

L36 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2001:436709 CAPLUS  
DN 135:71647  
TI Application of growth factor **neuregulin** and its analogs  
IN Qiu, Liequn; Zhou, Mingdong  
PA Peop. Rep. China  
SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 28 pp.  
CODEN: CNXXEV  
DT Patent  
LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1276381	A	20001213	CN 1999-107175	19990604
PRAI	CN 1999-107175		19990604		

L36 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

AN 1999:473404 CAPLUS

DN 132:33554

TI The ins and outs of caveolar signaling: m2 muscarinic cholinergic receptors and eNOS activation versus **neuregulin** and ErbB4 signaling in cardiac myocytes

AU Feron, Olivier; Zhao, You-Yang; Kelly, Ralph A.

CS Department of Medicine, Cardiovascular Division, Brigham and Women's Hospital and Harvard Medical School, Boston, MA, 02115, USA

SO Annals of the New York Academy of Sciences (1999), 874(Heart in Stress), 11-19

CODEN: ANYAA9; ISSN: 0077-8923

PB New York Academy of Sciences

DT Journal; General Review

LA English

RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L36 ANSWER 3 OF 3 MEDLINE on STN

AN 97311398 MEDLINE

DN 97311398 PubMed ID: 9168115

TI **Neuregulin-2**, a new ligand of ErbB3/ErbB4-receptor tyrosine kinases.

AU Carraway K L 3rd; Weber J L; Unger M J; Ledesma J; Yu N; Gassmann M; Lai C  
CS Department of Cell Biology, Harvard Medical School, Beth Israel Hospital, Boston, Massachusetts 02215, USA.

SO NATURE, (1997 May 29) 387 (6632) 512-6.  
Journal code: 0410462. ISSN: 0028-0836.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199706

ED Entered STN: 19970630

Last Updated on STN: 20000303

Entered Medline: 19970619

=> s neuregulin and "cardiac muscle"

L37 11 NEUREGULIN AND "CARDIAC MUSCLE"

=> s 137 and adhesion

L38 0 L37 AND ADHESION

=> s 137 and MAP

L39 1 L37 AND MAP

=> d 139

L39 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN

AN 2000:441643 CAPLUS

DN 133:54117

TI **Cardiac muscle** function and manipulation using **neuregulin** or **neuregulin** polypeptides, derivatives, and mimics

IN Zhou, Mingdong

PA The Victor Chang Cardiac Research Institute, Australia  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI AU 1998-7850	A		19981221		
	WO 1999-AU1137	W	19991221		
RE.CNT 5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> dup rem l37  
PROCESSING COMPLETED FOR L37  
L40 5 DUP REM L37 (6 DUPLICATES REMOVED)

=> d 140 1-5

L40 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 2000:441643 CAPLUS  
DN 133:54117  
TI **Cardiac muscle** function and manipulation using  
**neuregulin** or **neuregulin** polypeptides, derivatives, and  
mimics  
IN Zhou, Mingdong  
PA The Victor Chang Cardiac Research Institute, Australia  
SO PCT Int. Appl., 44 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000037095	A1	20000629	WO 1999-AU1137	19991221
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1158998	A1	20011205	EP 1999-967856	19991221
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
PRAI AU 1998-7850	A		19981221		

WO 1999-AU1137 W 19991221  
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L40 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 1  
AN 2000069730 MEDLINE  
DN 20069730 PubMed ID: 10601306  
TI Synergistic roles of **neuregulin**-1 and insulin-like growth factor-I in activation of the phosphatidylinositol 3-kinase pathway and cardiac chamber morphogenesis.  
AU Hertig C M; Kubalak S W; Wang Y; Chien K R  
CS University of California, San Diego/Salk Program in Molecular Medicine, Department of Medicine, Center for Molecular Genetics, University of California, San Diego, La Jolla, California 92093-0613, USA.  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Dec 24) 274 (52) 37362-9.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200001  
ED Entered STN: 20000124  
Last Updated on STN: 20000124  
Entered Medline: 20000113

L40 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 2  
AN 2000062174 MEDLINE  
DN 20062174 PubMed ID: 10597038  
TI **Neuregulin** induces the expression of mesodermal genes in the ectoderm of *Xenopus laevis*.  
AU Chung H G; Chung H M  
CS Department of Biology Education, Seoul National University, Korea.  
SO MOLECULES AND CELLS, (1999 Oct 31) 9 (5) 497-503.  
CY KOREA (SOUTH)  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200002  
ED Entered STN: 20000218  
Last Updated on STN: 20000218  
Entered Medline: 20000210

L40 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 3  
AN 97203102 MEDLINE  
DN 97203102 PubMed ID: 9050820  
TI Cardiac endothelium and tissue growth.  
AU Balligand J L; Kelly R A; Smith T W  
CS Department of Medicine, Brigham and Women's Hospital and Harvard Medical School, Boston, MA 02115, USA.  
NC R37-HL36141 (NHLBI)  
SO PROGRESS IN CARDIOVASCULAR DISEASES, (1997 Jan-Feb) 39 (4) 351-60. Ref: 105  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 199703  
ED Entered STN: 19970407



Last Updated on STN: 19970407  
Entered Medline: 19970326

L40 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 4  
AN 96077110 MEDLINE  
DN 96077110 PubMed ID: 7477376  
TI Aberrant neural and cardiac development in mice lacking the ErbB4  
**neuregulin** receptor.  
CM Comment in: Nature. 1995 Nov 23;378(6555):334-5  
AU Gassmann M; Casagrande F; Orioli D; Simon H; Lai C; Klein R; Lemke G  
CS Molecular Neurobiology Laboratory, Salk Institute for Biological Studies,  
La Jolla, California 92037, USA.  
SO NATURE, (1995 Nov 23) 378 (6555) 390-4.  
Journal code: 0410462. ISSN: 0028-0836.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199512  
ED Entered STN: 19960124  
Last Updated on STN: 20000303  
Entered Medline: 19951228